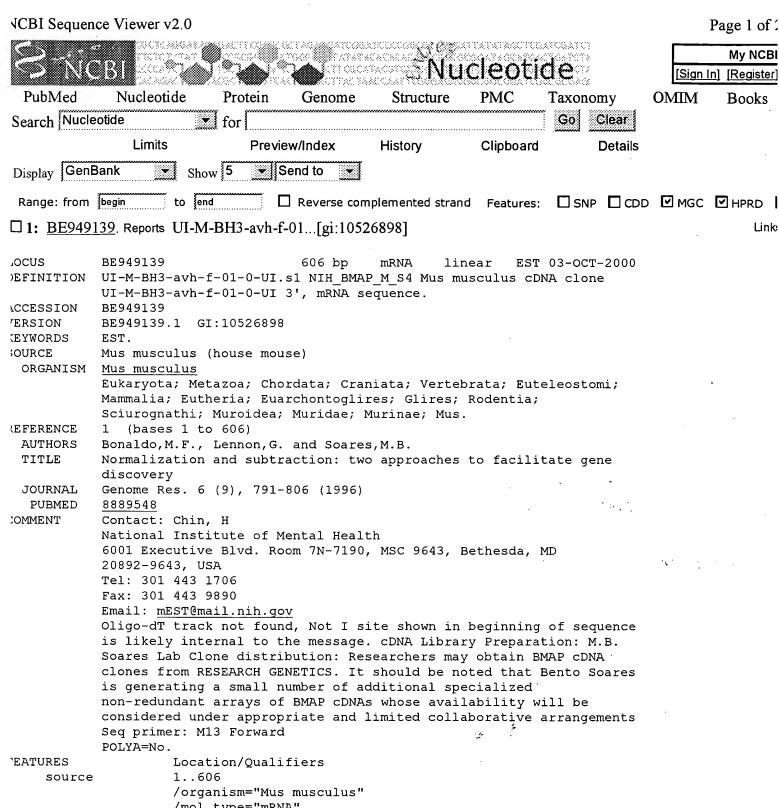
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/mol_type="mRNA"

/strain="C57BL/6J"

/db xref="taxon:10090"

/clone="UI-M-BH3-avh-f-01-0-UI"

/dev stage="27-32 days"

/lab host="DH10B (Life Technologies)"

/clone lib="NIH BMAP M S4"

/note="Vector: pT7T3D-PacI; Site_1: Not I; Site_2: Eco RI; The NIH BMAP M S4 library is a subtracted library of a series, ultimately derived from a mixture of individually tagged normalized libraries from ten regions of the mouse brain (cerebellum, brain stems, olfactory bulbs, hypothalamus, cortex, amygdala, basal ganglia, pineal

gland, striatum, hipoccampus) after a series of

subtractions to reduce the representation of cDNAs from which ESTs had already been generated. The following serially subtracted libraries were generated in this process: NIH BMAP M S4, NIH BMAP M S3.3, NIH BMAP M S3.2, NIH_BMAP_M_S3.1, NIH_BMAP_M_S2, NIH_BMAP_M_S1. The subtracted library (NIH BMAP M S4) was constructed as follows: PCRamplified cDNA inserts from NIH BMAP M S3.3, NIH BMAP M S3.2, and NIH BMAP M S3.1 clones from which 3' ESTs had been derived was used as a driver in a hybridization with a pool of the NIH BMAP M S3.3, NIH BMAP M S3.2, and NIH BMAP M S3.1 libraries in the form of single-stranded circles. The remaining single-stranded circles (subtracted library) was purified by hydroxyapatite column chromatography, converted to double-stranded circles and electroporated into DH10B bacteria (LifeTechnologies) to generate the NIH BMAP M S4 library. This procedure has been previously described (Bonaldo, Lennon and Soares, Genome Research 6:791-806, 1996) TAG SEQ=None found"

TAG_SE

RIGIN

1 cggccgccg cagggcatgg agagccgtgt cccgggcggc tgcggcagcc aaggaggatg 61 ctccggggga gccgagcat ccgccagagt gaatgacatg cacggtgttg ggtgtcettt 121 ctgaagggag gagcctttct cttggagagg atcctcgatg agcctggccg aggcccgggg 181 tctgtgtgaa gaggactaag gattaagtag gatgtcaact gagacagaac ttcaagtagc 241 tgtgaaaacc agcgccaaga aagactccag gaagaaaggt caggatcgca gcgaaggcac 301 tttgataaag aggtttaaag gcgaaggggt ccggtacaaa gccaagctga ttgggattga 361 tgaagtgtcc gcagctcggg gagacaagtt atgtcaagat tccatgatga agctcaaggg 421 tgttgttgct ggcgcacgtt ccaagggaga acacaaacag aaaatctttt taaccatctc 481 ctttggagga atcaaaatct ttgatgagaa gacgggggcc cttcagcatc accatgctgt tcatgaaatt tcctacattg cgaaggacat cacagatcat cgggctttcg gatacgtttg 601 cgggaa

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